

shy 30/09

Reprint

Work Order ID 151340

Thursday, September 29, 2016 2:39:18 PM

Item ID: D407-627-013

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: 407 Heli-Utility-Pod™ - RH

Start Date: 9/23/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/4/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI9428	A	SEP 29 2016	DAS 6 9-89					DAS 21 9-89	16-09-29
100		0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork		Photocopy blue file & create labels per PPP D407-627-013 CHG006/ DSI9518							
110		0.00							
110	Packaging								
Packaging	Memo	0.00							
Packaging		Apply label D2851-154 & D2853 per PPP D407-627-013							
120		0.00							
120	QC4- 100% Inspect kits for completeness								
QC	Memo	0.01							
Quality Control									

OCT 03 2016

SEP 29 2016

Shob

OCT 03 2016

Work Order ID 151340***151340***

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Thursday, September 29, 2016 2:39:18 PM

Item ID: D407-627-013

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: 407 Heli-Utility-Pod™ - RH

Start Date: 9/23/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/4/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Run Start

NR1

Approvals: Process Plan:

Date:

Tooling:

Date:

Stop

NR2

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00

130

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D407-627-013/ DS1 9518

Location:

PPP Rev:

Sold

Ship
10/10/16

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.02

Quality Control

DAS
21
9-89

OCT 03 2016

OCT 03 2016

DAS
21
9-89**B140349**
LOT: 2016-05-31

Picklist Print

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Work Order ID: 151340

151340

Parent Item: D407-627-013

D407-627-013

Parent Item Name: 407 Heli-Utility-Pod™ - RH

Start Date: 9/23/2016

Required Date: 10/4/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:E Added Labels EC 01-07-10
IPP Rev:F 09-01-16 added D3863-1 as per ECN09-501 DD verified
by:cc IPP Rev:G as per DSI
9518 DD 10.05.03 verified :EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-5A Bolt		Purchased	No			110	Each	316.0000	6	6		SEP 29 2016	DAS 28 9-89
**													
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				FP001		155							
				m134502		155							
				ST350		161							
				m135058		161							
D2694 Pod, 350/407		Manufactured	No			110	Each	0.0000	1	1		SEP 29 2016	DAS 28 9-89
**													
D2851-154 Label		Manufactured	No			110	Each	11.0000	1	1		SEP 29 2016	DAS 28 9-89
**													
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				st011		11							
				121917		11							
D2852 Label		Manufactured	No			110	Each	3.0000	1	1		SEP 29 2016	DAS 28 9-89
**													
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				ST011		3							
				140727		3							

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Work Order ID: 151340

Parent Item: D407-627-013

Parent Item Name: 407 Heli-Utility-Pod™ - RH

151340

D407-627-013

Start Date: 9/23/2016

Required Date: 10/4/2016

Start Qty: 1.00

Required Qty: 1.00

D2853

Manufactured No

110 Each

45.0000

1 1

D2853

Label

**

SEP 29 2016

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

Mezz

45

11332

45

D3863-1

Manufactured No

110 Each

0.0000

1 1

D3863-1

Tube

**

151340

SEP 29 2016

DAS
6
9-89

DAS
28
9-89

D407-301-011

Manufactured No

110 Each

0.0000

1 1

D407-301-011

Center Bracket

**

151341

SEP 29 2016

DAS
6
9-89

DAS
28
9-89

D407-302-011

Manufactured No

110 Each

0.0000

1 1

D407-302-011

Outboard Bracket

**

157342

SEP 29 2016

DAS
6
9-89

DAS
28
9-89

MS21042L3

Purchased No

110 Each

2,113.000

6 6

MS21042L3

Nut

**

SEP 29 2016

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

7

M130922

7

GA

253

m134360

112

m135135

141

OVER007

1200

m135530

600

m135767

600

ST303

653

m135407

110

m135600

543

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Picklist Print

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Work Order ID: 151340

151340

Parent Item: D407-627-013

D407-627-013

Parent Item Name: 407 Heli-Utility-Pod™ - RH

Start Date: 9/23/2016

Required Date: 10/4/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0363J

Purchased

No

110

Each

956.0000

6

6

NAS1149D0363.J

**

SEP 29 2016

Washer

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

352

m134055

352

ST263

604

m134955

58

m135297

546

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25.5 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D407-627-013 <i>Heli-Utility-Pod™</i> Installation	53.3 lb 24.2 kg	41.6 in 1.06 m	2217.3 in-lb 25.62 m-kg	115.75 in 2.94 m	6169.5 in-lb m-kg

25.6 PARTS LIST

Qty D407- 627-013	Qty D407- 301-011	Qty D407- 302-011	Part Number	Description
X			D407-627-013	HELI-UTILITY-POD™ INSTALLATION
1	X		D407-301-011	CENTER BRACKET KIT (3), 206L/L1/L3/L4/407
1		X	D407-302-011	OUTBOARD BRACKET KIT (3), 206L/L1/L3/L4/407
1			D2694	UTILITY POD ASSEMBLY
6			AN3-5A	BOLT
6			AN960JD10	WASHER
6			MS21042-3	BOLT (OR MS21042L3)
1			D2852	PLACARD
1			D2851-154	PLACARD
1			D2853	PLACARD
	2		D2764	CROSS BEAM
	1		D2796	MIDDLE CROSS BEAM
	6		AN4-13A	BOLT
	6		AN960JD416	WASHER
	6		MS21042-4	NUT (OR MS21042L4)
		2	D2012-107	CLEVIS
		4	D2022-101	SPACERS
		6	D2690-5	LANYARD ASSEMBLY
		3	D2846	SUPPORT ARM
		12	D2847	LUG
		1	D2848	STRUT
		6	BLBS-020	PIP PIN (OR BLRS-020, OR BLC4BA15S, OR BLC4RA15S)
		6	AN3-5A	BOLT
		2	AN4-10A	BOLT
		1	AN4-14A	BOLT
		11	AN4-17A	BOLT
		1	AN4-20A	BOLT
		18	AN960JD10	WASHER
		15	AN960JD416	WASHER
		6	MS21042-3	NUT (OR MS21042L3)
		15	MS21042-4	NUT (OR MS21042L4)

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25-00-00

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D407-627 REV. D AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
ICA-D407-627 REV. 1 & ICA-D407-663 REV 0

REF:
TCCA STC SH00-28
TCCA STC SH98-57
FAA STC SR01246NY
FAA STC SR01364NY

REFERENCE ONLY

THE PURPOSE OF THIS DSI IS TO PROTECT THE MANUAL CARGO RELEASE CABLE ON AIRCRAFT EQUIPPED WITH A CARGO HOOK AND THE D407-627-013 HELI-UTILITY POD OR D407-663-011 HELI-UTILITY BASKET.

THE DSI 9428-011 CABLE CONNECTION GUARD KIT HAS BEEN INCORPORATED INTO D407-663-011 HELI-UTILITY BASKET KITS AT CHG 003 AND SUBSEQUENT AND D407-627-013 HELI-UTILITY POD KITS AT CHG 005 AND SUBSEQUENT. OPERATORS WHO HAVE D407-663-011 HELI-UTILITY BASKET KIT CHG 002 AND EARLIER OR D407-627-013 HELI-UTILITY POD KIT CHG 004 AND EARLIER MAY ORDER THE DSI 9428-011 CABLE CONNECTION GUARD KIT.

THE DSI 9428-011 CABLE CONNECTION GUARD KIT INCLUDES QTY (1) D3863-1 GUIDE. THE D3863-1 GUIDE IS TO BE INSTALLED OVER THE MANUAL CARGO HOOK RELEASE CABLE WHERE IT PASSES THE CENTER OF THE D2796 SUPPORT ARM OF THE BASKET/POD. THE D3863-1 GUIDE IS INTENDED TO PREVENT THE MANUAL RELEASE CABLE CONNECTION FROM BEING CAUGHT ON THE EDGE OF THE HOLE IN THE D2796 SUPPORT ARM SHOULD A MIS-ALIGNMENT EXIST.

THE DSI 9428-011 CABLE CONNECTION GUARD MAY BE INSTALLED AFTER THE D2796 SUPPORT ARM HAS BEEN INSTALLED AS FOLLOWS:

- 1) DISCONNECT THE MANUAL RELEASE CABLE AT THE CONNECTION POINT UNDER THE BELLY OF THE HELICOPTER.
- 2) SLIDE THE D3863-1 GUIDE OVER THE CABLE.
- 3) RECONNECT THE CABLE.
- 4) POSITION THE D3863-1 GUIDE SO THAT IT IS CENTERED ON THE MANUAL RELEASE CABLE CONNECTION.

SEE FIGURE 1 FOR DETAILS.

PARTS LIST

ITEM	QTY -011	PART NUMBER	DESCRIPTION
1	X	DSI 9428-011	CABLE CONNECTION GUARD KIT
5	1	D3863-1	GUIDE

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 08.12.01
CERT. NO.: SH00-28/SH98-57
ISSUE NO.: 1 / 2

A	NEW ISSUE	08.12.01
REV	DESCRIPTION	BY DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN		
CHECKED	AJS	DRAWING NO. REV. A
MFG. APPR.	N/A	DSI 9428 SHEET 1 OF 2
APPROVED		TITLE SCALE
DE APPR.		CABLE CONNECTION GUARD NTS
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DART ID: B140349

FDC ID : DAE003-004

DAE002-008

LOT:

2016-05-31

PO :

30825/1-1/2

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2-4 ADUT 2016